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OXC-7700-64
Copy 4 of 6

5 November 1964

25X1A MEMORANDUM FOR THE RECORD

SUBJECT : Dr. [REDACTED]

Oct [REDACTED]

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1. On Monday, November 2, Dr. [REDACTED] reported on his most recent trip to [REDACTED]. His findings are summarized below:

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a. [REDACTED] concentrated on the foreign objects resulting from shavings and chips of metal being left after drilling. While recognizing that there were many other items inducing FOD, such as discarded nuts and bolts, he felt the latter was a task of discipline and procedures and not one looking to a corrective device such as required by drilling debris.

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b. [REDACTED] briefly considered the introduction of radioactive isotopes into the vaseline used for drilling, the method being to detect by this means any of the particles left behind. This system, while feasible, he considered too complex if other more simple methods were available.

c. Another method would be by means of radiography, by which waves would be sent from the particles to special receiving sets. He felt this method was quite good and worthy of a feasibility study, not only in connection with OXCART, but for future endeavors. He estimated a study would cost approximately \$15,000.

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d. For the immediate problem Dr. [REDACTED] recommends a simple rubber casement for the drills with vacuum hose attachment. While admittedly this method would probably be a little cumbersome for the technicians and involve insistence on the use, such a method is simple and practical.

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2. Dr. [] reached an agreement with Colonel [] that the latter would forward to him samples of materials which showed metal failure or fatigue. In the event the failure was considered of a serious nature, he, [] would like to see it in place. He further recommended that photographic records of such failures be maintained. He suggested a photo taken at approximately four feet from metal which would provide a clear picture and yet be small enough that uncleared persons would be able to analyze them without knowing the type of vehicle.

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3. Dr. [] requested that we advise Kelly Johnson and [] that his real interest is metal sabotage. He feels that if they had this knowledge they would be able to provide more meaningful information and indicate he is not primarily concerned with FOD problems. He prefers his true purpose NOT be passed to anyone at the [] at this time.

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4. Dr. [] would like to make one more visit to the [] sometime after 1 December. He indicated his cooperation from [] was excellent on this trip and he feels he will be able to accomplish much more by another visit.

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5. Commencing 9 November, and for two weeks, [] will be on active duty (Naval Reserve) in the Pentagon.

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SIGNED

[]
Special Assistant
Deputy for Technology
(Special Activities)

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[] SA/D/TECH/OSA:hmj (5 Nov 64)


DIST:

- 1 - D/TECH/OSA
- 2 - ASD/OSA []
- 3 - ASD/OSA []
- 4 - ASD/OSA []
- 5 - D/TECH/OSA (Chrono)
- 6 - RB/OSA

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TRANSMITTAL SLIP		DATE
TO: <i>ASD/OSA</i>		
ROOM NO.	BUILDING	
REMARKS:		
		
FROM:		
ROOM NO.	BUILDING	EXTENSION
FORM NO. 241 1 FEB 55		REPLACES FORM 36-8 WHICH MAY BE USED.
		GPO : 1957-O-439445 (47)